

GENESIS™

RAPIDWELD™ II STW

Sterile Tube Welder

MODEL# GRW-430-02
CAT# 480-RW-2607-02



Redefining sterile welding with waferless technology and infrared heat.

The GENESIS™ RapidWeld™ II STW Sterile Tube Welder features a waferless design that eliminates consumable wafers and reduces operating costs. Its advanced infrared heating system delivers fast, consistent sterile connections for PVC tubing used in blood processing, cell therapy, and laboratory applications.

More than just a sterile connection

- Improve Efficiency
- Maintain Sterility
- Drive Reliability



Redefining sterile connections through advanced technology and innovative design

Single Blade Module

- Stainless steel blade for continuous welding
- Increase operator efficiency and speed
- Quick and easy blade replacement
- Blade module kits: 250, 500 & 1000 welds



Blade Module

Patented Infrared Heating Element

- Maintains a high temperature to assure weld sterility
- Consistent temperature improves weld integrity



Accommodates Short Tubing

Lid Design and Lock Mechanism

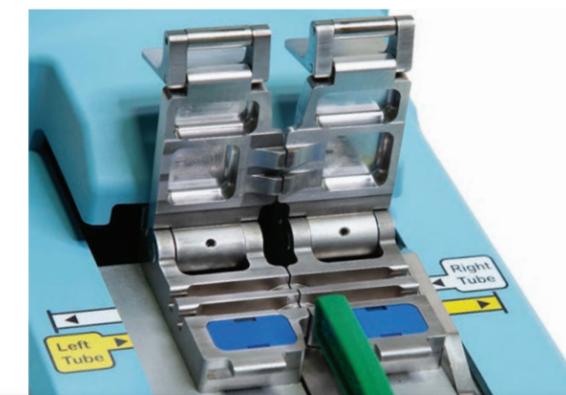
- Protects operator during welding process
- Ensures clamps are closed properly
- Allows for short tubing applications
- Avoids interruption of the welding process

Intuitive Touchscreen Interface

- Full-color LCD display with guided operation
- Clear menu navigation with audio and visual alerts
- Languages: English, French, German, Italian, Portuguese & Spanish



LCD Touch Screen



Tube Holder Clamps

- Patented design strips fluid away from the weld site and secures tubing
- Load wet or dry components on either side
- Parallel tube loading with indicators for accurate placement

CREATE STRONG RELIABLE WELDS IN 15 SECONDS

Fast and easy with step-by-step instructions



FLEXIBILITY

CONNECT ANY COMBINATION OF WET AND DRY PVC TUBING

Maximize the shelf life of valuable blood products...

- Pathogen reduction processing
- Bacterial testing
- Cell washing and freezing
- Component pooling
- Component aliquots
- Leukoreduction
- Apheresis set modification
- Cellular Therapy
- Quality control sampling
- Collection set modification
- Transferring research samples
- Other PVC applications

RAPIDWELD™ II STW
Sterile Tube Welder**Waferless and cost-effective sterile tube welder.**

Ordering Information	RapidWeld™ II STW
Model#	GRW-430-02
CAT#	480-RW-2607-02
Specifications	
Tubing Material	Polyvinyl Chloride (PVC)
Tubing Specifications	Outer Diameter (OD): 3.98mm to 4.88mm Inner Diameter (ID): 2.91mm to 3.23mm Wall Thickness (WT): 0.55mm to 0.85mm
Dimensions	13"L x 5.6"W x 3.9"H 330mm W x 142mm H x 99mm D
Weight	5.5 lbs / 2.5Kg
Power Cord	Power Supply Output Cord Length: 1.3 m (4 ft) Power Supply Inlet: IEC 60320-C13 North American and International Cord Sets are Available
Power Supply Input Voltage	AC 100-240V
Operating Current	~ 1.0 A
Frequency	50/60 Hz
Power Supply Output	DC 12V, 7.08A Max, 85W Max
Power Consumption 7	0 Watts Max
Optimal Operating Temperature	10°C – 40°C Ambient (50°F – 104°F)
Storage Temperature	10°C – 40°C Ambient (50°F – 104°F)
Relative Humidity	10% – 90% (Avoid Condensing Atmosphere)
Nominal Weld Cycle Interval	15 Seconds
Warranty	1 year

The Genesis RapidWeld™ II STW Sterile Tube Welder received 510K clearance on July 15, 2022.

Electrical safety, 61010-1, Edition 3 & IEC 61010 2-010: 2019, Edition 4.

RapidWeld™ II STW Sterile Tube Welder is manufactured and distributed by Genesis BPS, Mahwah, NJ, USA.

RapidWeld is a registered trademark of GenesisBPS LLC.

For patent information: www.genesisbps.com/patents

